Colloids and Surfaces, 40 (1989) 355
Elsevier Science Publishers B.V., Amsterdam — Printed in The Netherlands

Author Index

Anazawa, I. 107
Aptel, J.D. 293,307
Aston, M.S. 49

Behr, S. 293,307
Bianco, I.D. 249
Bres, E.F. 293,307
Brouwer, W.M. 235

Chang, J.-H. 219
Christenson, H.K. 31

Donnet, J.B. 279

Elsik, C.M. 323
Esumi, K. 219

Falk, M. 115
Farr, I.S. 167

Garcia, N.J. 227
Gu, T. 71
Gushikem, Y. 1

Hasegawa, M. 63
Hassander, H. 93
Helmy, A.K. 227
Herrington, T.M. 49
Hoffman, H. 181
House, W.A. 167
Huang, Z. 71
Huber, G. 181

Jiao, W.M. 279
Johansson, B. 93

Kambara, M. 77
Kékicheff, P. 31
Kelebek, S. 137
Konishi, K. 77
Kubota, L.T. 1

Li, J.F. 207
Lim, J.C. 323

Mackay, R.A. 267
Maggio, B. 249
Matsumoto, M. 77
Meguro, K. 219
Miller, C.A. 323
Miyake, T. 77
Moreira, J.C. 1
Mori, F. 323
Mura, M.J. 293,307

Ninham, B.W. 31
Noll, L.A. 9
Noshi, H. 77

Ödberg, L. 115
Oh-Ishi, M. 261
Ohno, M. 219
Otsubo, Y. 125

Papirer, E. 279
Pelton, R.H. 43
Prud'homme, R.K. 125

Raney, O.G. 323
Ries Jr, H.E. 145
Risinger, G. 115

Saito, Y. 107
Santamaria, R.M. 227
Sato, T. 107
Schmitt, A. 293,307
Schürch, S. 195
Shirahama, K. 261
Siffert, B. 207
Smith, G.W. 137
Suzawa, T. 63
Swift, H. 145

Tadros, Th.F. 49
Takisawsa, N. 261
Tamai, H. 63
Thomann, J.M. 293
Törnell, B. 93

Varela, J.A. 1
Vavruch, I. 85
Vidal, A. 279
Voegel, J.C. 293,307
Vollet, D.R. 1

Wågberg, L. 115
Wallace, J.A. 195
Weaner, L.E. 267
Woodbury Jr, G.W. 9

Colloids and Surfaces, 40 (1989) 357–358
Elsevier Science Publishers B.V., Amsterdam — Printed in The Netherlands

Subject Index

Acrylamide, 235
Adsorption, 155
  of protein, 77
  of sulphonates, 167
  of surfactant, 71
Aggregation number, 71
Albumin,
  adsorption, 293
  coating, 63
Anionic surfactant, 219
Apatites, 307
Ascorbate, 267

Binary mixtures, 145
Binding, 181
  isotherm, 261
Bound segments, 207

Cationic surfactant, 71,181,261
Cell membrane models, 145
Cellulosic fibers, 115
Cerebronic acid, 145
Cerebroside, 249
Chalcopyrite, 137
Chlorin, 267
Cholesterol, 145
Collapse, 145
  pressure, 249
Collectorless flotation, 137
Colloidal stability, 63
Compressibility, 145
Contact angle hysteresis, 195
Copolymer, 63
Core-shell, 235
CTAB,
  forces between adsorbed layers of, 31

Detergency, 323
Detergent mixtures, 167
Dialysis, 261
Dielectric behaviour, 227
Diffusion path, 323
Dipalmitoylphosphatidylcholine, 195
Dispersion polymerization, 43
Distribution of oxyethylene chains, 107
Dynamic albumin adsorption, 307

Effects of potential determining ions, 293
Electric birefringence, 181
Electrode, 181,261
Electrokinetics, 137
Electron micrographs, 145
Emulsion,
  stability, 49
  stabilization, 93

Flow adsorption calorimetry, 9

Galena, 137
Gangliosides, 249
Grafting, 279
Gramicidins, 145

Heat of adsorption, 9
Hemimicellization, 71
Hydrocarbon, 9
Hydrolysis of iodine, 219
Hydrophilic, 63
Hydroxyapatite, 77

Imidazole, 1
Iminosalicylaldehyde, 1
Interfacial tension, 107
Interferometry, 49
Isoelectric point, 137
Isothermal compressibility, 85

Kaolinite, 167
Kinetics, 115

Langmuir,
  adsorption model, 293
  type adsorption, 307
Latex, 63, 235
Liquid crystalline, 125
Ludox, 93

Mass-action treatment, 71
Mechanism of adsorption, 71
2-Mercaptobenzimidazole, 1
Methanol, 9
Methyl Red, 267
Mica,
  adsorption of CTAB to, 31

Microcalorimetry, 207
Microemulsion, 125,267,323
Microsuspension polymerization, 93
Mixed surfactants, 49
Mono- and bilayers, 195
Monolayers, 145
Montmorillonite quinoline complexes, 227
Morphology, 279

N,*N*-dimethyl-*p*-phenylenediamine, 267
N-methylol acrylamide, 235
Neutral copolymer, 181
Nonaqueous colloids, 43
Nonionic,
  surfactant, 107,323
Nonspherical drops, 93

Oxide–water interface, 207

Particles, 235
  as stabilizers, 93
  at liquid/liquid interfaces, 93
PEG polymers, 207
Phase,
  behavior, 323
  diagram, 125
Phospholipid–glycolipid interactions, 249
Photoreduction, 267
Polyelectrolytes, 115
Polymeric surfactant, 49
Polystyrene, 235
Porphyrin, 267
Pressure–area isotherms, 145
Pure liquids, 85
PVA, 261

Rate constant of coalescence, 107
Rheology, 279
Rhombus tray, 195

Salt effects, 307
Silica, 9,279
  gel, 71
  gel, modified, 1
  particles, 93
Silicones,
  grafting, 43
  steric stabilization, 43
Small angle X-ray scattering study, 1
Stability of oil droplets, 107
Strength in the adsorbed layer, 107
Structural change,
  in modified silica gel,
Sulfatide, 249
Sulphide minerals 137
Sulphur, 137
Surface, 279
  forces, 31
  immiscibility, 249
  potential, 249
  pretreatment, 137
  properties, 137,235
  tension, 85
Surfactant adsorption, 31
Surfactant–oil–water system, 125
Surfactants,
  forces in solutions of, 31
Suspensions, 279

Thermodynamic three component adsorption model, 9
Thermodynamics of adsorption, 71
Thin oil films, 49
Tri-iodide ion, 219
Triglycerides, 323
Turbulence, 115

Valinomycin, 145
Viscosity, 125, 279
Volume of surface formation, 85

Zeta potential components, 77